**Harika G**

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# Professional Summary

Detail-oriented SQL Developer with 4+ years of experience in writing efficient queries, optimizing database performance, and building robust ETL pipelines. Proficient in SQL, T-SQL, PL/SQL, Data Warehousing, Data Modeling, and Performance Tuning using tools such as SSIS, SSRS, Informatica, and Azure Data Factory. Adept at transforming raw data into actionable insights using Tableau, Power BI, and Looker. Skilled in working with Microsoft SQL Server, Oracle, Snowflake, PostgreSQL, and Amazon Redshift in Agile environments. Excels at designing normalized schemas (Star/Snowflake), automating regression testing, validating data quality, and supporting test planning, reporting, and release coordination.

# Education

Master of Science in Computer Science University of Central Oklahoma — Aug 2023 – May 2025

Coursework: **Advance Programming in C++, Algorithm Design, Computing Practicum, Front-End Web, Software Engineering I & II, Cloud Web Apps, Database Systems, Mobile Apps, Theory of Computing, Enterprise Web. Cyber Infrastructure, Cloud Computing.**

# Skills & Technologies

**Languages & Scripting**: SQL, T-SQL, PL/SQL, Python, Shell Scripting

**Databases**: Microsoft SQL Server, Oracle, MySQL, PostgreSQL, Snowflake, Amazon RDS, Azure SQL Database, Google BigQuery, Amazon Redshift

**ETL & Data Tools:** SSIS, SSRS, Informatica, Azure Data Factory, Talend, Apache Nifi, AWS Glue, DBT

**Reporting & BI:** Power BI, Tableau, Looker, Crystal Reports

**Concepts:** DDL, DML, DCL, TCL, Joins, Views, Triggers, Stored Procedures, Indexes, Query Optimization, Performance Tuning, Execution Plans

**Modeling:** Data Modeling, Star Schema, Snowflake Schema, Normalization, Data Profiling, Data Warehousing, Data Cleansing

**Cloud & DevOps:** AWS, Azure, GCP, Git, GitHub, GitLab, Jenkins

**Methodologies:** Agile, Scrum, Jira, Confluence

# Professional Experience

**SQL Developer**

**LX Studio | Associate Developer Dec 2023 – May 2025**

* Designed efficient SQL queries, T-SQL scripts, and stored procedures to support ETL processes, reporting, and automation workflows.
* Created SSIS packages to automate data extraction, transformation, and load (ETL) from external sources to SQL Server warehouse.
* Applied performance tuning techniques to optimize execution plans and reduce query run-time by 45% on large datasets.
* Maintained data integrity and validation by implementing regression test cases, functional tests, and release testing protocols.
* Developed Power BI dashboards and Tableau reports for business KPIs using Snowflake and Azure SQL Database sources.
* Built triggers, views, and functions for business rules enforcement and data integrity across DML operations.
* Conducted daily Agile standups, sprint planning, and Jira-based issue tracking to streamline development workflows.
* Collaborated with QA to align functional and automation test scenarios using data profiling and cleansing tools.
* Implemented data warehousing schemas (Star and Snowflake) supporting cross-functional analytics and reporting needs.

**SQL Developer**

**Capgemini | Sr. Software Engineer Aug 2021 – July 2023**

* Developed complex queries, joins, and subqueries to retrieve business-critical data across Oracle, PostgreSQL, and MS SQL.
* Automated ETL pipelines with SSIS and Talend to integrate legacy systems with Snowflake cloud warehouse.
* Conducted regression testing and release validation on critical financial data pipelines across development and UAT environments.
* Built Power BI dashboards and Crystal Reports for end-user reporting on customer behavior, trends, and exceptions.
* Performed query tuning and indexing strategies to reduce report load time from 10s to under 3s.
* Supported data transformation rules and test planning for functional and automation coverage across staging and production.
* Delivered cross-system data synchronization using triggers, stored procedures, and transactional scripts.
* Participated in daily scrums, collaborated with cross-functional teams, and documented test execution on Confluence.
* Oversaw change management during deployment cycles and monitored job status through Jenkins and GitLab.

**SQL Developer**

Auridene Technologies Private Limited **| Intern April 2020 – July 2021**

* Wrote and maintained PL/SQL procedures, functions, and triggers to support data migration and integration.
* Created test cases and supported validation of ETL loads through SSIS and custom SQL scripts.
* Modeled normalized database schemas, ensuring data consistency and avoiding redundancy across reporting systems.
* Participated in Agile-based sprints for functional and regression test planning across internal QA environments.
* Cleaned and transformed source data to align with analytics-ready models using Informatica and DBT.
* Designed ad hoc SQL reports and visualizations for business leads using Tableau and Power BI.
* Validated ETL processes using DML test scripts, audit queries, and functional assertions on source vs. target data.
* Tuned queries for performance using explain plans, indexing, and batch commits for bulk operations.
* Wrote automation scripts to support scheduled testing and job monitoring in QA and pre-production systems.

# Certifications

Microsoft Certified: Azure Data Fundamentals

AWS Certified Data Analytics – Specialty (in progress)

SQL for Data Science – Coursera

# Projects

Syllabus Chatbot using Retrieval-Augmented Generation (RAG) (Aug 2024 – Dec 2024)

Schedule Management & Reminder System (Jan 2024 – May 2024)

Vehicles License Detection using QR Code (Aug 2020 – May 2021)